Raluca Vasile Dumitru

# Technical Skills

Python, TensorFlow  
JavaScript, ReactJS  
AWS SageMaker, Docker  
SQL, PostgreSQL  
Figma, Adobe XD

# Foreign Languages

- English: C2  
- Spanish: B1  
- French: B2

# Education

- University Name: University Politehnica of Bucharest  
- Program Duration: 4 years  
- Master Degree Name: University Politehnica of Bucharest  
- Program Duration: 2 years

# Certifications

- AWS Certified Machine Learning – Specialty  
- Docker Certified Associate  
- TensorFlow Developer Certificate

# Project Experience

1. Machine Learning Model Deployment on AWS  
 Led a project to deploy a predictive analytics model using AWS SageMaker and TensorFlow, aimed at enhancing customer retention strategies for a retail client. Developed and trained the model in Python, achieving a 15% increase in prediction accuracy. Utilized Docker for containerization to streamline the deployment process, ensuring scalability and efficient resource management. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Web Application for Data Visualization  
 Developed an interactive web application using ReactJS and JavaScript to visualize complex datasets for a financial services firm. The application provided real-time data insights and allowed users to customize their views, improving decision-making processes. Integrated PostgreSQL for robust data management and optimized queries to enhance performance. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL.